



# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management Solid Waste Section

<b>UNIT TYPE:</b>										
Lined MSWLF		LCID		YW		Transfer		Compost		<b>COUNTY:</b> CATAWBA <b>PERMIT NO.:</b> 18-04 <b>FILE TYPE:</b> COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		
CDFL	<b>X</b>	Tire T&P / Collection		Tire Monofill		Industrial Landfill	<b>X</b>	DEMO		

**Date of Site Inspection:** June 19, 2012

**Date of Last Inspection:** April 23, 2011

**FACILITY NAME AND ADDRESS:**

Duke Energy Carolinas, LLC - Marshall Steam Station  
 Industrial Landfill  
 8320 East NC Highway 150  
 Terrell, North Carolina 28682

**GPS COORDINATES:** N: 35.60463    W: -80.9774

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Donna Burrell, Environmental Coordinator  
 Duke Energy Carolinas, LLC  
 (828) 478-7820  
 donna.burrell@duke-energy.com

**FACILITY CONTACT ADDRESS:**

Registered Agent: CT Corporation System  
 150 Fayetteville Street, Box 1011  
 Raleigh, NC 27601

Principal Office: Duke Energy Carolinas, LLC  
 526 South Church Street  
 Charlotte, NC 28202-1904

**PARTICIPANTS:**

Donna Burrell, Duke Energy Carolinas, LLC – Environmental Coordinator  
 Tim Hunsucker, Duke Energy Carolinas, LLC – Senior Scientist  
 Chuck Campbell, Duke Energy Carolinas, LLC – Science Technician  
 Elizabeth Werner, Permitting Hydrogeologist - NCDENR Solid Waste Section  
 Deb Aja, NCDENR Solid Waste Section

**STATUS OF PERMIT:**

Inactive/Closed. The facility consists of a closed ash landfill, closed asbestos landfill, and a closed construction and demolition landfill. The portion of the landfill permitted to receive fly ash was closed in 2001. The portion of the landfill permitted to receive asbestos and construction and demolition debris has not received waste since before June 30, 2008. Closure documentation and closure certification has been submitted and received by the Solid Waste Section.

**PURPOSE OF SITE VISIT:**

Partial Inspection: Environmental Monitoring.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

Page 2 of 3

**STATUS OF PAST NOTED VIOLATIONS:**

None.

**OBSERVED VIOLATIONS**

None.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**ADDITIONAL COMMENTS**

1. An on-site review was conducted to observe the location and condition of environmental monitoring points associated with Solid Waste Permit Number 18-04 for the Closed Ash Landfill, the closed Asbestos Landfill, and the closed Construction and Demolition Landfill.
2. The following monitoring points were observed with conditions noted:

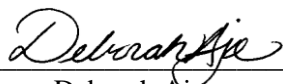
Well No.	Access	Security	Well Casing, Protective Casing, & Cap	Concrete Pad	Well Tags	Comment
OB 1	Access cleared to and around well.	Well found locked with lock good condition.	Maintained in good condition.	Maintained in good condition.	Legible and in good condition.	Observation well – water level. Located in waste.
MW1	Access cleared to and around well.	Well found locked with 2 locks, locks good condition.	Maintained in good condition. Black widow & wasps inside protective casing.	Maintained in good condition.	Legible and in good condition.	Black widow & wasp casings inside protective casing.
MW2	Access cleared to and around well.	Well found locked with lock good condition.	Maintained in good condition.	Appeared to be in good condition.	Legible and in good condition.	
MW3	Access cleared to and around well.	Well found locked with lock good condition.	Maintained in good condition.	Maintained in good condition.	Legible and in good condition.	Protective casing cap was taped to prevent entry by insects.
MW4	Access cleared to and around well.	Well found locked with lock good condition.	Protective casing maintained in good condition.	Maintained in good condition.	Legible and in good condition.	Upgradient well. Exterior observations only.
MW4D	Access cleared to and around well.	Well found locked with lock good condition.	Protective casing maintained in good condition.	Maintained in good condition.	Legible and in good condition.	Upgradient well. Exterior observations only.
MW5	Access cleared to and around well.	Well found locked with lock good condition.	Maintained in good condition.	Maintained in good condition.	Legible and in good condition.	
MW6	Access cleared to and around well.	Well found locked with lock good condition.	Maintained in good condition.	Maintained in good condition.	Legible and in good condition.	Observation well – water level.
MW7	Access cleared to and around well.	Well found locked with lock good condition.	Maintained in good condition.	Maintained in good condition.	Legible and in good condition.	Observation well – water level.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

Page 3 of 3

3. While all well tags were legible, it was state that additional engraving may be done to ensure future legibility.
4. A readily accessible unobstructed path was cleared and maintained so that four-wheel vehicles may access monitoring well locations.
5. All monitoring wells appeared to be maintained in compliance with the requirements of Permit 18-04.

Please contact me if you have any questions or concerns regarding this inspection report.



Deborah Aja  
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***Regional Representative***  
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Sent on June 25, 2012, to:	X	Email		Hand delivery		US Mail		Certified No.
Donna Burrell, Duke Energy Carolinas, LLC								
by;								

Ec: Jason Watkins, Western District Supervisor  
Jessica Montie, Compliance Officer  
Elizabeth Werner, Permitting Hydrogeologist  
Larry Frost, Regional Permitting Engineer